



HKDSE 2015

SBA Projects Briefing

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2/11/2013

香港中學文憑考試
**Hong Kong Diploma of Secondary Education
Examination**

2015

設計與應用科技
Design and Applied Technology

校本評核教師手冊
School-based Assessment Teachers' Handbook



HKDSE 2015

SBA Projects Briefing

- Project list
- Aims & Objectives
- Points to be noted when conducting SBA Projects
- Project Coordinators & Supervisor
- Assessment



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Project list

Project 1: New Use of Space Under Flyovers

Project 2: Display Unit for Mobile Phones

**Project 3: A Boat for Collecting Rubbish inside
the Harbour**

Other Project titles



Aims & Objectives:

In SBA, students are expected to demonstrate their learning through providing evidence that they have worked on the following:

Design Process

- identification of a design need
- statement of design project
- acquisition of the necessary skills
- modeling and fabrication of prototype
- assessment of the feasibility, implementation, and value of the design

Technological Understanding

- understanding the operating principles and industrial practices of related technologies
- innovative uses of technology
- presentation of work and solicitation of feedback

Technological, Social and Entrepreneurship Awareness

- appreciation and critique of a design from a variety of perspectives
- assessment of the social value and impact of a product and/or a system
- decision making in design, manufacturing and marketing a product



Points to be noted

- It is appropriate for teachers to offer **general advice** at the initial stage
- Teachers **should not give specific guidance or detailed advice** in such a way as to put into question the student's authorship of his/her work.
- guiding students to develop effective **time management for completing their work**
- Advising students on the importance of keeping a **complete record** of their work;
- teaching students how to **acknowledge** information in their work when **quoting** from other sources
- **asking questions** or providing general advice to students after being presented with initial drafts of their work.



In case of query, contact your
Project Coordinators :

Group 1 – FM Yu

Group 2 –YW Pang

Group 3 –YK Man



Assessment

Chapter 2 Assessment Requirements

2.1 SBA Requirements

2.1.1 School-based Assessment Project

Secondary 5	School-based Assessment Project Part 1: Research, Investigation and Data Collection	Weighting
	The SBA project Part 1 should include the following: <ul style="list-style-type: none">- Identification and analysis of the problem- Preparation of a list of specifications- Research, investigation and data collection- Generation and development of ideas- Drafting proposed design solutions	10%

Secondary 6	School-based Assessment Project Part 2: Design and Make	Weighting
	The SBA project Part 2 should include the following: <ul style="list-style-type: none">- Further research, investigation and data collection- Further generation, development and refining of ideas- Realisation of final solution- Presentation of final solution with suitable media- Evaluation of final design	30%



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Thank you!